

09/74872

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 6743967 B2

L5: Entry 1 of 3

File: USPT

Jun 1, 2004

US-PAT-NO: 6743967

DOCUMENT-IDENTIFIER: US 6743967 B2

TITLE: Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Hadlaczky; Gyula | Szamos | | | HU |
| Szalay; Aladar A. | Highland | CA | | |

US-CL-CURRENT: 800/25; 435/325, 435/455, 800/21

| | | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|-------|-------|--------|------|--------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | USPTO | USPTO | Claims | RMIC | Draw D |
|------|-------|----------|-------|--------|----------------|------|-----------|-------|-------|--------|------|--------|

☐ 2. Document ID: US 6077697 A

L5: Entry 2 of 3

File: USPT

Jun 20, 2000

US-PAT-NO: 6077697

DOCUMENT-IDENTIFIER: US 6077697 A

**** See image for Certificate of Correction ****

TITLE: Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Hadlaczky; Gyula | Szamos | | | HU |
| Szalay; Aladar A. | Highland | CA | | |

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/455, 435/468, 435/69.1, 435/91.1, 536/22.1

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D |
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☐ 3. Document ID: US 6025155 A

L5: Entry 3 of 3

File: USPT

Feb 15, 2000

US-PAT-NO: 6025155

DOCUMENT-IDENTIFIER: US 6025155 A

TITLE: Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-------------------|----------|-------|----------|---------|
| Hadlaczky; Gyula | Szamos | | | HU |
| Szalay; Aladar A. | Highland | CA | | |

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/455, 435/6

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw D |
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|-------|---------------------|-------|----------|-----------|---------------|

| | |
|-------|-----------|
| Terms | Documents |
| satac | 3 |

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| Terms | Documents |
|-------|-----------|
| satac | 3 |

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Search:

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Search History

DATE: Thursday, June 10, 2004 [Printable Copy](#) [Create Case](#)

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result set

DB=USPT; PLUR=YES; OP=OR

| | | | |
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| <u>L5</u> | satac | 3 | <u>L5</u> |
| <u>L4</u> | L3 and @py<1997 | 2 | <u>L4</u> |
| <u>L3</u> | plant and L2 | 111 | <u>L3</u> |
| <u>L2</u> | satellite and L1 | 170 | <u>L2</u> |
| <u>L1</u> | artificial adj chromosome | 2741 | <u>L1</u> |

END OF SEARCH HISTORY

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| NEWS | 4 | JAN 27 | A new search aid, the Company Name Thesaurus, available in CA/Caplus |
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| NEWS | 7 | MAR 03 | MEDLINE file segment of TOXCENTER reloaded |
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| NEWS | 9 | MAR 29 | Pharmaceutical Substances (PS) now available on STN |
| NEWS | 10 | MAR 29 | WPIFV now available on STN |
| NEWS | 11 | MAR 29 | New monthly current-awareness alert (SDI) frequency in RAPRA |
| NEWS | 12 | APR 26 | PROMT: New display field available |
| NEWS | 13 | APR 26 | IFIPAT/IFIUDB/IFICDB: New super search and display field available |
| NEWS | 14 | APR 26 | LITALERT now available on STN |
| NEWS | 15 | APR 27 | NLDB: New search and display fields available |
| NEWS | 16 | May 10 | PROUSDDR now available on STN |
| NEWS | 17 | May 19 | PROUSDDR: One FREE connect hour, per account, in both May and June 2004 |
| NEWS | 18 | May 12 | EXTEND option available in structure searching |
| NEWS | 19 | May 12 | Polymer links for the POLYLINK command completed in REGISTRY |
| NEWS | 20 | May 17 | FRFULL now available on STN |
| NEWS | 21 | May 27 | STN User Update to be held June 7 and June 8 at the SLA 2004 Conference |
| NEWS | 22 | May 27 | New UPM (Update Code Maximum) field for more efficient patent SDIs in Caplus |
| NEWS | 23 | May 27 | Caplus super roles and document types searchable in REGISTRY |
| NEWS | 24 | May 27 | Explore APOLLIT with free connect time in June 2004 |
| NEWS EXPRESS | | | MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004 |
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=> s satac
L1 14 SATAC

=> s satellite artificial chromosome
L2 6 SATELLITE ARTIFICIAL CHROMOSOME

=> s plant and l1
L3 6 PLANT AND L1

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 6 DUP REM L3 (0 DUPLICATES REMOVED)

=> d 1-6

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:777272 CAPLUS
DN 139:287300
TI Methods for delivery of large nucleic acids complexed with cationic dendrimers into eukaryotic cells for increased efficiency of gene transfer in therapy
IN de Jong, Gary; Vanderbyl, Sandra Louise
PA Can.
SO U.S. Pat. Appl. Publ., 40 pp., Cont.-in-part of U.S. Ser. No. 815,981.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|-----------------|----------|
| PI | US 2003186390 | A1 | 20031002 | US 2002-86745 | 20020228 |
| | US 2003003435 | A1 | 20030102 | US 2001-815981 | 20010322 |
| | WO 2002076508 | A1 | 20021003 | WO 2002-US9262 | 20020322 |
| | WO 2002076508 | B1 | 20021212 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1383541 A1 20040128 EP 2002-753692 20020322

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2003113917 A1 20030619 US 2002-235119 20020903

PRAI US 2001-815981 A2 20010322

US 2001-815979 A1 20010322

US 2002-86745 A1 20020228

WO 2002-US9262 W 20020322

L4 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:754254 CAPLUS

DN 137:274019

TI Delivery of large nucleic acid molecules into eukaryotic cells as
complexes with cationic dendrimers

IN Dejong, Gary; Vanderbyl, Sandra Louise; Oberle, Volker; Hoekstra, Dirk;
Drayer, Jan; Tak, Paul Peter

PA Chromos Molecular Systems, Inc., Can.

SO PCT Int. Appl., 111 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|--|----------|-----------------|----------|
| PI | WO 2002076508 | A1 | 20021003 | WO 2002-US9262 | 20020322 |
| | WO 2002076508 | B1 | 20021212 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | US 2003003435 | A1 | 20030102 | US 2001-815981 | 20010322 |
| | US 2003059940 | A1 | 20030327 | US 2001-815979 | 20010322 |
| | US 2003186390 | A1 | 20031002 | US 2002-86745 | 20020228 |
| | EP 1383541 | A1 | 20040128 | EP 2002-753692 | 20020322 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| PRAI | US 2001-815979 | A1 | 20010322 | | |
| | US 2001-815981 | A1 | 20010322 | | |
| | US 2002-86745 | A1 | 20020228 | | |
| | WO 2002-US9262 | W | 20020322 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:416625 CAPLUS

DN 133:39084

TI Artificial chromosomes, uses thereof and methods for preparing artificial
chromosomes

IN Hadlaczky, Gyula; Szalay, Aladar A.
 PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
 the Hungarian Academy of Sciences
 SO U.S., 55 pp., Cont.-in-part of U. S. Ser. No. 629,822, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | CA 2250682 | AA | 19971030 | CA 1997-2250682 | 19970410 |
| | CA 2429724 | AA | 19971030 | CA 1997-2429724 | 19970410 |
| | CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |
| | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| AU | 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| EP | 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| NZ | 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| JP | 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| NZ | 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| NZ | 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| US | 2001008025 | A1 | 20010712 | US 1998-96648 | 19980612 |
| US | 6743967 | B2 | 20040601 | | |
| US | 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| US | 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| US | 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| US | 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| US | 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| US | 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| JP | 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |
| PRAI | US 1996-629822 | B2 | 19960410 | | |
| | US 1990-521073 | B1 | 19900509 | | |
| | US 1991-759558 | A | 19910913 | | |
| | US 1992-892487 | B1 | 19920603 | | |
| | US 1993-80097 | B1 | 19930623 | | |
| | US 1995-375271 | B1 | 19950119 | | |
| | US 1996-682080 | A2 | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-734344 | A1 | 19961021 | | |
| | CA 1997-2250682 | A3 | 19970410 | | |
| | JP 1997-538116 | A3 | 19970410 | | |
| | NZ 1997-503055 | A1 | 19970410 | | |
| | US 1997-835682 | B1 | 19970410 | | |
| | WO 1997-US5911 | W | 19970410 | | |
| | US 2000-724693 | A1 | 20001128 | | |
| | US 2000-724726 | A1 | 20001128 | | |
| | US 2001-799462 | A3 | 20010305 | | |

RE.CNT 297 THERE ARE 297 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:114388 CAPLUS
 DN 132:147617
 TI Artificial chromosomes, uses thereof and methods for preparing artificial
 chromosomes
 IN Hadlaczky, Gyula; Szalay, Aladar A.
 PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
 the Hungarian Academy of Sciences
 SO U.S., 59 pp., Cont.-in-part of U.S. Ser. No. 682,080.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
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| | CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |
| | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
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| AU | 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
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| | BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
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| | JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| | NZ 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| | NZ 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| | US 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| | US 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| | US 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| | US 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| | US 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| | US 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| | JP 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |
| PRAI | US 1996-629822 | B2 | 19960410 | | |
| | US 1996-682080 | A2 | 19960715 | | |
| | US 1990-521073 | B1 | 19900509 | | |
| | US 1991-759558 | A | 19910913 | | |
| | US 1992-892487 | B1 | 19920603 | | |
| | US 1993-80097 | B1 | 19930623 | | |
| | US 1995-375271 | B1 | 19950119 | | |
| | US 1996-682191 | A | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-734344 | A1 | 19961021 | | |
| | CA 1997-2250682 | A3 | 19970410 | | |
| | JP 1997-538116 | A3 | 19970410 | | |
| | NZ 1997-503055 | A1 | 19970410 | | |
| | US 1997-835682 | B1 | 19970410 | | |
| | WO 1997-US5911 | W | 19970410 | | |
| | US 2000-724693 | A1 | 20001128 | | |

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 US 2001-799462 A3 20010305
 RE.CNT 318 THERE ARE 318 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:718036 CAPLUS
 DN 128:19355
 TI methods for preparing mammalian artificial chromosomes (MACs)
 IN Hadlaczky, Gyula; Szalay, Aladar A.
 PA Hadlaczky, Gyula, Hung.; Szalay, Aladar A.; American Gene Therapy, Inc.;
 Biological Research Center of the Hungarian Academy of Sciences; Loma
 Linda University
 SO PCT Int. Appl., 248 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|--|-----------------|----------|
| PI | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
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| | RW: | | GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| | EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| | R: | | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | |
| | BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
| | NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| | JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
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| | US 1996-682080 | A | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-682191 | A | 19960715 | | |
| | WO 1997-US5911 | W | 19970410 | | |

L4 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1995:625670 CAPLUS
 DN 123:37587
 TI Beneficiation of iron and manganese ores and recycling of metal bearing slags by means of air-pulsated BATAC jigs
 AU Wasmuth, Hans-Dieter; Ziaja, Dieter
 CS Department Mineral Dressing Plants, KHD Humboldt Wedag AG, Cologne, Germany
 SO Prog. Miner. Process. Technol., Proc. Int. Miner. Process. Symp., 5th (1994), 49-56. Editor(s): Demirel, Halim; Ersayin, Salih. Publisher: Balkema, Rotterdam, Neth.
 CODEN: 61LDAB
 DT Conference
 LA English

=> d his

(FILE 'HOME' ENTERED AT 12:20:52 ON 10 JUN 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 12:21:21 ON 10 JUN 2004

L1 14 S SATAC
L2 6 S SATELLITE ARTIFICIAL CHROMOSOME
L3 6 S PLANT AND L1
L4 6 DUP REM L3 (0 DUPLICATES REMOVED)

=> dup rem l2

PROCESSING COMPLETED FOR L2

L5 4 DUP REM L2 (2 DUPLICATES REMOVED)

=> d 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:793818 CAPLUS
DN 137:305748
TI Construction of mammalian artificial chromosomes that can shuttle between
bacteria, yeast, and mammalian cells
IN Larionov, Vladimir; Kouprina, Natalay; Barret, Carl J.
PA The Government of the United States of America, as Represented by the
Secretary, Department of Health and Human Services, USA
SO PCT Int. Appl., 140 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|---|----------|-----------------|----------|
| PI | WO 2002081710 | A1 | 20021017 | WO 2002-US10990 | 20020408 |
| | WO 2002081710 | C2 | 20040408 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRAI US 2001-282010P P 20010406

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2000:416625 CAPLUS
DN 133:39084
TI Artificial chromosomes, uses thereof and methods for preparing artificial
chromosomes
IN Hadlaczky, Gyula; Szalay, Aladar A.
PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
the Hungarian Academy of Sciences
SO U.S., 55 pp., Cont.-in-part of U. S. Ser. No. 629,822, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |

| | | | | |
|------------|----|----------|-----------------|----------|
| CA 2250682 | AA | 19971030 | CA 1997-2250682 | 19970410 |
| CA 2429724 | AA | 19971030 | CA 1997-2429724 | 19970410 |
| CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |
| WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| WO 9740183 | A3 | 19980205 | | |

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

| | | | | |
|------------|----|----------|----------------|----------|
| AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

| | | | | |
|---------------|----|----------|----------------|----------|
| NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| NZ 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| NZ 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| US 2001008025 | A1 | 20010712 | US 1998-96648 | 19980612 |
| US 6743967 | B2 | 20040601 | | |
| US 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| US 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| US 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| US 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| US 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| US 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| JP 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |

PRAI US 1996-629822 B2 19960410
 US 1990-521073 B1 19900509
 US 1991-759558 A 19910913
 US 1992-892487 B1 19920603
 US 1993-80097 B1 19930623
 US 1995-375271 B1 19950119
 US 1996-682080 A2 19960715
 US 1996-695191 A 19960807
 US 1996-734344 A1 19961021
 CA 1997-2250682 A3 19970410
 JP 1997-538116 A3 19970410
 NZ 1997-503055 A1 19970410
 US 1997-835682 B1 19970410
 WO 1997-US5911 W 19970410
 US 2000-724693 A1 20001128
 US 2000-724726 A1 20001128
 US 2001-799462 A3 20010305

RE.CNT 297 THERE ARE 297 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 AN 2000:114388 CAPLUS
 DN 132:147617
 TI Artificial chromosomes, uses thereof and methods for preparing artificial chromosomes
 IN Hadlaczky, Gyula; Szalay, Aladar A.
 PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of the Hungarian Academy of Sciences
 SO U.S., 59 pp., Cont.-in-part of U.S. Ser. No. 682,080.
 CODEN: USXXAM
 DT Patent
 LA English

FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|--|----------|-----------------|----------|
| PI | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | CA 2250682 | AA | 19971030 | CA 1997-2250682 | 19970410 |
| | CA 2429724 | AA | 19971030 | CA 1997-2429724 | 19970410 |
| | CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |
| | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| | AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| | EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |
| | BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
| | NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| | JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| | NZ 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| | NZ 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| | US 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| | US 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| | US 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| | US 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| | US 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| | US 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| | JP 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |
| PRAI | US 1996-629822 | B2 | 19960410 | | |
| | US 1996-682080 | A2 | 19960715 | | |
| | US 1990-521073 | B1 | 19900509 | | |
| | US 1991-759558 | A | 19910913 | | |
| | US 1992-892487 | B1 | 19920603 | | |
| | US 1993-80097 | B1 | 19930623 | | |
| | US 1995-375271 | B1 | 19950119 | | |
| | US 1996-682191 | A | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-734344 | A1 | 19961021 | | |
| | CA 1997-2250682 | A3 | 19970410 | | |
| | JP 1997-538116 | A3 | 19970410 | | |
| | NZ 1997-503055 | A1 | 19970410 | | |
| | US 1997-835682 | B1 | 19970410 | | |
| | WO 1997-US5911 | W | 19970410 | | |
| | US 2000-724693 | A1 | 20001128 | | |
| | US 2000-724726 | A1 | 20001128 | | |
| | US 2001-799462 | A3 | 20010305 | | |

RE.CNT 318 THERE ARE 318 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:718036 CAPLUS
DN 128:19355
TI methods for preparing mammalian artificial chromosomes (MACs)
IN Hadlaczký, Gyula; Szalay, Aladar A.
PA Hadlaczký, Gyula, Hung.; Szalay, Aladar A.; American Gene Therapy, Inc.;
Biological Research Center of the Hungarian Academy of Sciences; Loma

Linda University
 SO PCT Int. Appl., 248 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| | EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
| | NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| | JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| PRAI | US 1996-629822 | A | 19960410 | | |
| | US 1996-682080 | A | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-682191 | A | 19960715 | | |
| | WO 1997-US5911 | W | 19970410 | | |

=> d his

(FILE 'HOME' ENTERED AT 12:20:52 ON 10 JUN 2004)

FILE 'CAPLUS, CABA, AGRICOLA, BIOSIS' ENTERED AT 12:21:21 ON 10 JUN 2004

L1 14 S SATAC
 L2 6 S SATELLITE ARTIFICIAL CHROMOSOME
 L3 6 S PLANT AND L1
 L4 6 DUP REM L3 (0 DUPLICATES REMOVED)
 L5 4 DUP REM L2 (2 DUPLICATES REMOVED)

=> s artificial chromosome

L6 10576 ARTIFICIAL CHROMOSOME

=> s satellite and l6

L7 230 SATELLITE AND L6

=> s plant and l7

L8 44 PLANT AND L7

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 31 DUP REM L8 (13 DUPLICATES REMOVED)

=> d 10-31

L9 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:754254 CAPLUS

DN 137:274019
 TI Delivery of large nucleic acid molecules into eukaryotic cells as complexes with cationic dendrimers
 IN Dejong, Gary; Vanderbyl, Sandra Louise; Oberle, Volker; Hoekstra, Dirk; Drayer, Jan; Tak, Paul Peter
 PA Chromos Molecular Systems, Inc., Can.
 SO PCT Int. Appl., 111 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|--|----------|-----------------|----------|
| PI | WO 2002076508 | A1 | 20021003 | WO 2002-US9262 | 20020322 |
| | WO 2002076508 | B1 | 20021212 | | |
| | W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| | US 2003003435 | A1 | 20030102 | US 2001-815981 | 20010322 |
| | US 2003059940 | A1 | 20030327 | US 2001-815979 | 20010322 |
| | US 2003186390 | A1 | 20031002 | US 2002-86745 | 20020228 |
| | EP 1383541 | A1 | 20040128 | EP 2002-753692 | 20020322 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | |
| PRAI | US 2001-815979 | A1 | 20010322 | | |
| | US 2001-815981 | A1 | 20010322 | | |
| | US 2002-86745 | A1 | 20020228 | | |
| | WO 2002-US9262 | W | 20020322 | | |

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:865005 CAPLUS
 DN 138:52654
 TI Telomeres and centromeres in **plants**
 AU Murata, M.
 CS Research Institute for Bioresources, Okayama University, Kurashiki, 710-0046, Japan
 SO Current Genomics (2002), 3(6), 527-538
 CODEN: CGUEA8; ISSN: 1389-2029
 PB Bentham Science Publishers Ltd.
 DT Journal; General Review
 LA English

RE.CNT 161 THERE ARE 161 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:67136 CAPLUS
 DN 137:1274
 TI Sequence organization of barley centromeres
 AU Hudakova, Sabina; Michalek, Wolfgang; Presting, Gernot G.; ten Hoopen, Rogier; dos Santos, Karla; Jasencakova, Zuzana; Schubert, Ingo
 CS Institut fuer Pflanzengenetik und Kulturpflanzenforschung, Gatersleben, D-06466, Germany
 SO Nucleic Acids Research (2001), 29(24), 5029-5035

CODEN: NARHAD; ISSN: 0305-1048

PB Oxford University Press

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:869613 CAPLUS

DN 137:58242

TI Construction and characterization of a BAC library for the molecular
dissection of a single wild beet centromere and sugar beet (*Beta vulgaris*)
genome analysis

AU Gindullis, Frank; Dechyeva, Daryna; Schmidt, Thomas

CS CellTec GmbH Biotechnologie, Hamburg, 22459, Germany

SO Genome (2001), 44(5), 846-855

CODEN: GENOE3; ISSN: 0831-2796

PB National Research Council of Canada

DT Journal

LA English

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 14 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2000:503675 BIOSIS

DN PREV200000503675

TI Response from Brown.

AU Brown, William R. A. [Reprint author]

CS Institute of Genetics, University of Nottingham, Queen's Medical Centre,
Nottingham, NG7 2UH, UK

SO Trends in Biotechnology, (October, 2000) Vol. 18, No. 10, pp. 403. print.
CODEN: TRBIDM. ISSN: 0167-7799.

DT Letter

LA English

ED Entered STN: 22 Nov 2000

Last Updated on STN: 11 Jan 2002

L9 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 5

AN 2000:416625 CAPLUS

DN 133:39084

TI **Artificial chromosomes**, uses thereof and methods for
preparing **artificial chromosomes**

IN Hadlaczky, Gyula; Szalay, Aladar A.

PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
the Hungarian Academy of Sciences

SO U.S., 55 pp., Cont.-in-part of U. S. Ser. No. 629,822, abandoned.
CODEN: USXXAM

DT Patent

LA English

FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | CA 2250682 | AA | 19971030 | CA 1997-2250682 | 19970410 |
| | CA 2429724 | AA | 19971030 | CA 1997-2429724 | 19970410 |
| | CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |
| | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,

PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ,
 VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,
 GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
 ML, MR, NE, SN, TD, TG

AU 9724512 A1 19971112 AU 1997-24512 19970410
 EP 929689 A2 19990721 EP 1997-920284 19970410
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI

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|---------------------|----|----------|----------------|----------|
| NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| NZ 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| NZ 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| US 2001008025 | A1 | 20010712 | US 1998-96648 | 19980612 |
| US 6743967 | B2 | 20040601 | | |
| US 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| US 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| US 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| US 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| US 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| US 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| JP 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |
| PRAI US 1996-629822 | B2 | 19960410 | | |
| US 1990-521073 | B1 | 19900509 | | |
| US 1991-759558 | A | 19910913 | | |
| US 1992-892487 | B1 | 19920603 | | |
| US 1993-80097 | B1 | 19930623 | | |
| US 1995-375271 | B1 | 19950119 | | |
| US 1996-682080 | A2 | 19960715 | | |
| US 1996-695191 | A | 19960807 | | |
| US 1996-734344 | A1 | 19961021 | | |
| CA 1997-2250682 | A3 | 19970410 | | |
| JP 1997-538116 | A3 | 19970410 | | |
| NZ 1997-503055 | A1 | 19970410 | | |
| US 1997-835682 | B1 | 19970410 | | |
| WO 1997-US5911 | W | 19970410 | | |
| US 2000-724693 | A1 | 20001128 | | |
| US 2000-724726 | A1 | 20001128 | | |
| US 2001-799462 | A3 | 20010305 | | |

RE.CNT 297 THERE ARE 297 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 6

AN 2000:114388 CAPLUS

DN 132:147617

TI **Artificial chromosomes**, uses thereof and methods for
 preparing **artificial chromosomes**

IN Hadlaczky, Gyula; Szalay, Aladar A.

PA Chromos Molecular Systems, Inc., Can.; The Biological Research Center of
 the Hungarian Academy of Sciences

SO U.S., 59 pp., Cont.-in-part of U.S. Ser. No. 682,080.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | CA 2250682 | AA | 19971030 | CA 1997-2250682 | 19970410 |
| | CA 2429724 | AA | 19971030 | CA 1997-2429724 | 19970410 |
| | CA 2429726 | AA | 19971030 | CA 1997-2429726 | 19970410 |

| | | | | |
|---------------------|--|----------|----------------|----------|
| WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| WO 9740183 | A3 | 19980205 | | |
| W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| RW: | GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |
| BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
| NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| NZ 503055 | A | 20020726 | NZ 1997-503055 | 19970410 |
| NZ 516885 | A | 20020828 | NZ 1997-516885 | 19970410 |
| US 2002160970 | A1 | 20021031 | US 2001-799462 | 20010305 |
| US 2003033617 | A1 | 20030213 | US 2001-836911 | 20010417 |
| US 2002160410 | A1 | 20021031 | US 2002-125767 | 20020417 |
| US 2003083293 | A1 | 20030501 | US 2002-151081 | 20020516 |
| US 2003108914 | A1 | 20030612 | US 2002-219694 | 20020814 |
| US 2003101480 | A1 | 20030529 | US 2002-287313 | 20021101 |
| JP 2004033209 | A2 | 20040205 | JP 2003-29830 | 20030206 |
| PRAI US 1996-629822 | B2 | 19960410 | | |
| US 1996-682080 | A2 | 19960715 | | |
| US 1990-521073 | B1 | 19900509 | | |
| US 1991-759558 | A | 19910913 | | |
| US 1992-892487 | B1 | 19920603 | | |
| US 1993-80097 | B1 | 19930623 | | |
| US 1995-375271 | B1 | 19950119 | | |
| US 1996-682191 | A | 19960715 | | |
| US 1996-695191 | A | 19960807 | | |
| US 1996-734344 | A1 | 19961021 | | |
| CA 1997-2250682 | A3 | 19970410 | | |
| JP 1997-538116 | A3 | 19970410 | | |
| NZ 1997-503055 | A1 | 19970410 | | |
| US 1997-835682 | B1 | 19970410 | | |
| WO 1997-US5911 | W | 19970410 | | |
| US 2000-724693 | A1 | 20001128 | | |
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| US 2001-799462 | A3 | 20010305 | | |

RE.CNT 318 THERE ARE 318 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 17 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1999:87126 BIOSIS
DN PREV199900087126
TI Human **artificial chromosomes** generated by modification of a yeast **artificial chromosome** containing both human alpha **satellite** and single-copy DNA sequences.
AU Henning, Karla A.; Novotny, Elizabeth A.; Compton, Sheila T.; Guan, Xin-Yuan; Liu, Pu P.; Ashlock, Melissa A. [Reprint author]
CS Genet. Mol. Biol. Branch, Room 3A14, 49 Convent Dr., MSC 4442, Natl. Human Genome Res. Inst., Bethesda, MD 20892, USA
SO Proceedings of the National Academy of Sciences of the United States of America, (Jan. 19, 1999) Vol. 96, No. 2, pp. 592-597. print.
CODEN: PNASA6. ISSN: 0027-8424.
DT Article
LA English

ED Entered STN: 1 Mar 1999
Last Updated on STN: 1 Mar 1999

L9 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1998:761972 CAPLUS
DN 129:340539
TI Neocentromeric DNA sequence from human chromosome 10q25 with uses as
artificial chromosome vectors
IN Choo, Kong-Hong Andy; Du Sart, Desiree; Cancilla, Michael Robert
PA Amrad Operations Pty. Ltd., Australia
SO PCT Int. Appl., 540 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|--|----------|-----------------|----------|
| PI | WO 9851790 | A1 | 19981119 | WO 1998-AU352 | 19980513 |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | |
| | AU 9873258 | A1 | 19981208 | AU 1998-73258 | 19980513 |
| | AU 731572 | B2 | 20010405 | | |
| | EP 996719 | A1 | 20000503 | EP 1998-920396 | 19980513 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | |
| | US 6265211 | B1 | 20010724 | US 1998-78294 | 19980513 |
| | US 2003096398 | A1 | 20030522 | US 2000-728552 | 20001202 |
| PRAI | AU 1997-6784 | A | 19970513 | | |
| | AU 1997-8791 | A | 19970826 | | |
| | US 1998-78294 | A1 | 19980513 | | |
| | WO 1998-AU352 | W | 19980513 | | |

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 19 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1998:256327 BIOSIS
DN PREV199800256327
TI Comparison of YACs containing mouse centromeric **satellite**
sequences cloned in rad52 and RAD52 host strains.
AU McGuigan, Amanda [Reprint author]; Manson, Ania; Haldane, Morgan; Huxley, Clare
CS Dep. Biochem. Molecular Genetics, Imperial Coll. Sch. Med. St. Mary's, London W2 1PG, UK
SO Mammalian Genome, (April, 1998) Vol. 9, No. 4, pp. 312-315. print.
CODEN: MAMGEC. ISSN: 0938-8990.
DT Article
LA English
ED Entered STN: 9 Jun 1998
Last Updated on STN: 9 Jun 1998

L9 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:718036 CAPLUS
DN 128:19355
TI methods for preparing mammalian **artificial chromosomes**
(MACs)
IN Hadlaczky, Gyula; Szalay, Aladar A.

PA Hadlaczky, Gyula, Hung.; Szalay, Aladar A.; American Gene Therapy, Inc.;
 Biological Research Center of the Hungarian Academy of Sciences; Loma
 Linda University
 SO PCT Int. Appl., 248 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 5

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 9740183 | A2 | 19971030 | WO 1997-US5911 | 19970410 |
| | WO 9740183 | A3 | 19980205 | | |
| | W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG | | | | |
| | US 6077697 | A | 20000620 | US 1996-682080 | 19960715 |
| | US 6025155 | A | 20000215 | US 1996-695191 | 19960807 |
| | AU 9724512 | A1 | 19971112 | AU 1997-24512 | 19970410 |
| | EP 929689 | A2 | 19990721 | EP 1997-920284 | 19970410 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | | |
| | BR 9708855 | A | 20000104 | BR 1997-8855 | 19970410 |
| | NZ 331815 | A | 20000428 | NZ 1997-331815 | 19970410 |
| | JP 2000508177 | T2 | 20000704 | JP 1997-538116 | 19970410 |
| PRAI | US 1996-629822 | A | 19960410 | | |
| | US 1996-682080 | A | 19960715 | | |
| | US 1996-695191 | A | 19960807 | | |
| | US 1996-682191 | A | 19960715 | | |
| | WO 1997-US5911 | W | 19970410 | | |

L9 ANSWER 21 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1997:226316 BIOSIS
 DN PREV199799518032
 TI Stabilization of yeast **artificial chromosome** clones in
 a rad54-3 recombination-deficient host strain.
 AU Le, Yunzheng; Dobson, Melanie J. [Reprint author]
 CS Dep. Biochem., Fac. Med., Sir Charles Tupper Med. Build., Dalhousie Univ.,
 Halifax, NS B3H 4H7, Canada
 SO Nucleic Acids Research, (1997) Vol. 25, No. 6, pp. 1248-1253.
 CODEN: NARHAD. ISSN: 0305-1048.
 DT Article
 LA English
 ED Entered STN: 22 May 1997
 Last Updated on STN: 22 May 1997

L9 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 7
 AN 1997:478381 CAPLUS
 DN 127:186410
 TI Detection of alien chromatin conferring resistance to the beet cyst
 nematode (Heterodera schachtii Schm.) in cultivated beet (Beta vulgaris
 L.) using in situ hybridization
 AU Schmidt, T.; Jung, C.; Heslop-Harrison, J. S.; Kleine, M.
 CS Institute of Crop Science and Plant Breeding, Christian-Albrechts-
 University of Kiel, Kiel, D-24118, Germany
 SO Chromosome Research (1997), 5(3), 186-193
 CODEN: CRRSEE; ISSN: 0967-3849
 PB Rapid Science Publishers

DT Journal
LA English

L9 ANSWER 23 OF 31 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 8
AN 96:64419 CABA
DN 19961604096
TI DNA regions flanking the major *Arabidopsis thaliana* **satellite**
are principally enriched in Athila retroelement sequences
AU Pelissier, T.; Tutois, S.; Tourmente, S.; Deragon, J. M.; Picard, G.
CS URA CNRS 1940 BIOMOVE, Universite Blaise Pascal, 24 avenue des Landais,
63177 Aubiere Cedex, France.
SO Genetica, (1996) Vol. 97, No. 2, pp. 141-151. 41 ref.
ISSN: 0016-6707

DT Journal
LA English
ED Entered STN: 19960513
Last Updated on STN: 19960513

L9 ANSWER 24 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 1996:484437 BIOSIS
DN PREV199699199693
TI Analysis of extrachromosomal structures containing human centromeric
alphoid **satellite** DNA sequences in mouse cells.
AU Taylor, Stephen S. [Reprint author]; Larin, Zoia; Tyler-Smith, Chris
CS Dep. Cell Biol., Harvard Med. Sch., 240 Longwood Ave., Boston, MA 02115,
USA
SO Chromosoma (Berlin), (1996) Vol. 105, No. 2, pp. 70-81.
CODEN: CHROAU. ISSN: 0009-5915.

DT Article
LA English
ED Entered STN: 24 Oct 1996
Last Updated on STN: 24 Oct 1996

L9 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 9
AN 1995:783105 CAPLUS
DN 123:247699
TI Molecular marker technologies for **plant** improvement
AU Winter, P.; Kahl, G.
CS Biozentrum, Frankfurt University, Frankfurt, D-60439, Germany
SO World Journal of Microbiology & Biotechnology (1995), 11(4), 438-48
CODEN: WJMBEY; ISSN: 0959-3993
PB Rapid Science Publishers
DT Journal; General Review
LA English

L9 ANSWER 26 OF 31 CABA COPYRIGHT 2004 CABI on STN
AN 95:95428 CABA
DN 19951605531
TI Identification of clones carrying minisatellite-like loci in an
Arabidopsis thaliana YAC library
AU Durward, E.; Shiu, O. Y.; Luczak, B.; Mitchelson, K. R.
CS Department of Molecular and Cell Biology, University of Aberdeen, Aberdeen
AB9 1AS, UK.
SO Journal of Experimental Botany, (1995) Vol. 46, No. 283, pp. 271-274. 20
ref.
ISSN: 0022-0957

DT Journal
LA English
ED Entered STN: 19950523
Last Updated on STN: 19950523

L9 ANSWER 27 OF 31 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 10

AN 95:36769 CABA
 DN 19951600165
 TI Construction of a YAC library from a Beta vulgaris fragment addition and isolation of a major **satellite** DNA cluster linked to the beet cyst nematode resistance locus Hslpat-1
 AU Klein-Lankhorst, R. M.; Salentijn, E. M. J.; Dirkse, W. G.; Arens-De Reuver, M. J. B.; Stiekema, W. J.
 CS Department of Molecular Biology, DLO-Centre for Plant Breeding and Reproduction Research (CPRO-DLO), PO Box 16, 6700 AA Wageningen, Netherlands.
 SO Theoretical and Applied Genetics, (1994) Vol. 89, No. 4, pp. 426-434. 63 ref.
 ISSN: 0040-5752
 DT Journal
 LA English
 ED Entered STN: 19950223
 Last Updated on STN: 19950223

L9 ANSWER 28 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1993:251820 BIOSIS
 DN PREV199395130995
 TI A 37-kb fragment common to the pericentromeric region of human chromosomes 13 and 21 and to the ancestral inactive centromere of chromosome 2.
 AU Charlieu, Jean-Paul [Reprint author]; Laurent, Anne-Marie; Orti, Robert; Viegas-Pequignot, Evani; Bellis, Michel; Roizes, Gerard
 CS CNRS UPR 9008, Institut de Biologie, Boulevard Henri IV, F-34060 Montpellier Cedex, France
 SO Genomics, (1993) Vol. 15, No. 3, pp. 576-581.
 CODEN: GNMCEP. ISSN: 0888-7543.
 DT Article
 LA English
 ED Entered STN: 21 May 1993
 Last Updated on STN: 21 May 1993

L9 ANSWER 29 OF 31 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 1992:368368 BIOSIS
 DN PREV199294050418; BA94:50418
 TI DODECA **SATELLITE** A CONSERVED G PLUS C-RICH **SATELLITE** FROM THE CENTROMERIC HETEROCHROMATIN OF DROSOPHILA-MELANOGASTER.
 AU ABAD J P [Reprint author]; CARMENA M; BAARS S; SAUNDERS R D C; GLOVER D M; LUDENA P; SENTIS C; TYLER-SMITH C; VILLASANTE A
 CS CENTRO NACIONAL DE BIOTECNOL, UNIVERSIDAD AUTONOMA MADRID, CANTOBLANCO, 28049-MADRID SPAIN
 SO Proceedings of the National Academy of Sciences of the United States of America, (1992) Vol. 89, No. 10, pp. 4663-4667.
 CODEN: PNASA6. ISSN: 0027-8424.
 DT Article
 FS BA
 LA ENGLISH
 ED Entered STN: 9 Aug 1992
 Last Updated on STN: 9 Aug 1992

L9 ANSWER 30 OF 31 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 11
 AN 94:66028 CABA
 DN 19941605097
 TI Construction and characterisation of a yeast **artificial chromosome** library containing two haploid Beta vulgaris L. genome equivalents
 AU Eyers, M.; Edwards, K.; Schuch, W.
 CS Plant Biotechnology Section, ICI Seeds, Jealott's Hill Research Station, Bracknell RG12 6EY, UK.
 SO Gene, (1992) Vol. 121, No. 2, pp. 195-201. 25 ref.

ISSN: 0378-1119
DT Journal
LA English
ED Entered STN: 19941101
Last Updated on STN: 19941101

L9 ANSWER 31 OF 31 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN
AN 2004:20136 AGRICOLA
DN IND43624382
TI Composition and structure of the centromeric region of rice chromosome 8.
AU Wu, J.; Yamagata, H.; Hayashi-Tsugane, M.; Hijishita, S.; Fujisawa, M.;
Shibata, M.; Ito, Y.; Nakamura, M.; Sakaguchi, M.; Yoshihara, R.
AV DNAL (QK725.P532)
SO Plant cell, p. 967-976
ISSN: 1040-4651
NTE Includes references
DT Article
FS Other US
LA English